



CURRICULUM VITAE



Ruxandra-Malina PETRESCU-MAG

Data si locul nasterii: 10.05.1077, Cluj-Napoca

Departamentul: Stiinta Mediului

Funcția didactică: Lector universitar

Titlul științific, anul obținerii, universitatea: Doctor in Relatii Internationale si Studii Europene, 2006, Universitatea Babeş-Bolyai, Cluj-Napoca

Cursuri predate: Politici, legislatie si institutii internationale de mediu; Politici si strategii privind evaluarea globala de mediu; Constructia europeana; Dreptul mediului.

I. Carti/manuale (selectie):

1. **Petrescu-Mag R. M.**, (2011), *Protectia mediului în contextul dezvoltării durabile. Legislatie si institutii*, Editura Bioflux, Cluj-Napoca, (362 p), (<http://www.editura.bioflux.com.ro/docs/Petrescu-Mag.pdf>).
2. Oroian I. Gh., **Petrescu-Mag R. M.**, (2011), *Drept si legislatie de mediu (Environmental law and legislation)*, Editura Bioflux, Cluj-Napoca, (290p).
3. **Petrescu-Mag R. M.**, (2010), *Aspecte teoretice si practice privind protectia mediului prin intermediul normelor de drept international*, Editura Mega, Cluj-Napoca (262 p).
4. **Petrescu-Mag R. M.**, (2008), *Politici, institutii si legislatie pentru mediu*, AcademicPres, Cluj-Napoca (382 p).
5. **Petrescu-Mag R. M.**, (2007), *Politica Agricola Comuna: trecut, prezent si viitor*, EFES, Cluj-Napoca (328 p).
6. Culic A., **Petrescu-Mag R. M.**, (2006), *Managementul si legislatia deseurilor*, EFES, Cluj-Napoca (128 p).
7. **Petrescu-Mag R. M.**, Gosztony K., (2003), *Sistemul Institutional Comunitar – compendiu*, Editura Carpatica, Cluj-Napoca (159 p).

II. Articole/studii științifice publicate in reviste si volume nationale/internationale (selectie):

1. **Petrescu-Mag R. M.**, (2011), *The importance of soft law instruments for development of the international environmental law*, In: Environmental

- issues in the context of sustainable development, Les Presses Agronomique de Gembloux, Gembloux, Belgia, p. 149-156, ISBN 978-2-87016-111-1.
2. **Petrescu-Mag R. M.**, Creanga S., Pasarin B., Gîlca V., Petrescu-Mag I. V., (2011), Small-scale rabbit production: a solution for limited-resource rural and suburban populations and its impact on the environment. In: Environmental issues in the context of sustainable development, Les Presses Agronomique de Gembloux, Gembloux, Belgia p. 157-168, ISBN 978-2-87016-111-1.
 3. **Petrescu-Mag R. M.**, PETRESCU-MAG I.V., (2011), *The Human Rights and The Environment*, In: vol. *Ecological performance in a competitive economy*, supliment al revistei Calitatea - acces la succes („Quality-access to success”), nr.118, pp.135-138, [Scopus - Elsevier].
 4. **Petrescu-Mag R. M.**, Petrescu-Mag I.V. (2010), *Environmental protection though public authorities intervention in the private activities. The Case of Spain and Romania*, In: Metalurgia International, vol. XV (1) (Environmental Issues), pp.43-49, [Science Citation Index Expanded, Journal Citation Reports/Science Edition]. ISSN 1582-2214.
 5. **Petrescu-Mag R. M.**, Petrescu-Mag I.V. (2010), *European environmental legal provisions designed to ensure implementation of water quality standards. Case studies*, In: Metalurgia International (Environmental Issues), no. 8, pp. 82-86, [Science Citation Index Expanded]. ISSN 1582-2214.
 6. Petrescu-Mag I.V., **Petrescu-Mag R. M.**, (2010), *Heavy metal and thermal stress in fishes: the implications of HSP in adapting and acclimation to different environments*, In: Metalurgia International (Environmental Issues), no.10, pp.107-117, [Science Citation Index Expanded]. ISSN 1582-2214.
 7. **Petrescu-Mag R. M.**, Petrescu D.C., (2010), *Legal and economic key points regarding sustainable use of water resources*, In: AACL Bioflux, nr. 3 (1), p. 17-21. ISSN 1844-9166 [Thomson Reuters Scientific - ISI Web of Knowledge, Scopus - Elsevier etc].
 8. Petrescu-Mag I.V., **Petrescu-Mag R. M.**, (2010), *Instruments for an equitable management of shared waters*, In: AACL Bioflux, nr. 3 (1), p. 23-26. ISSN 1844-9166 [Thomson Reuters Scientific - ISI Web of Knowledge, Scopus - Elsevier etc].
 9. **Petrescu-Mag R. M.**, Petrescu D. C., Petri D., Ozunu Al. (2009), *Economic and legal aspects related to the prevention and mitigation of flood risks and their consequences for Tirlisua (Bistrita-Nasaud): a case study from northern Romania*, In: vol. *Optimisation of Disaster Forecasting and Prevention Measures in the Context of Human and Social Dynamics*, NATO Science for Peace and Security Series - E: Human and Societal Dynamics, no. 52, IOS Pres, Olanda, p. 98-111. (ISBN: 978-1-58603-948-6)
 10. **Petrescu-Mag R. M.**, (2009), *The compared analysis of the agricultural legislation from European integration perspective. The Iberic and*

Northern models, In: AAB Bioflux, nr.1 (1), p.15-36, ISSN 2067-6352, [ISI Web of Knowledge – Thomson Reuters, CAB Int., EBSCO etc]

11. **Petrescu-Mag R. M.**, Roba C., Petrescu D. C., (2009), *The Romanian Perspective on Geothermal Energy Resources. The Chemistry of the Geothermal Waters from Oradea Triassic Aquifer* In: AACL Bioflux, nr.2 (1), p. 9-17. ISSN 1844-9166[Thomson Reuters Scientific - ISI Web of Knowledge, Scopus - Elsevier etc].
12. **Petrescu-Mag R. M.**, (2009), *Latest legislation issues on sustainable exploitation of aquatic resources*, In: AACL Bioflux, nr.2 (1), p.27-29. ISSN 1844-9166 [Thomson Reuters Scientific - ISI Web of Knowledge, Scopus - Elsevier etc].
13. **Petrescu-Mag R. M.**, Petrescu D. C., Sevillano Blas R. H., (2009), *Trends of Community expenditure on common agriculture policy, including the agri-environmental measures*, In: Studia Universitatis Babeş-Bolyai Negotia, LIV, 1, p. 59-72. ISSN 1224-8738 [EBSCO, ULRICH].
14. **Petrescu-Mag R. M.**, Ştefănescu L., (2009), *The necessity to initiate and develop common directions in assessment and management of flood risks at European Community level*, In: Journal of the `Lucian Blaga` Central University Library - Philobiblon, vol. XIV, Cluj Napoca, p. 437- 444. ISSN1224-7448 [EBSCO].
15. Rădulescu C. V., **Petrescu-Mag R. M.** (2008), *Ecological policy outlook within the framework of sustainable development*, In: vol. Environmental Policies and Legislation, Les Presses agronomiques des Gembloux, Gembloux, Belgia, p.201-208. ISBN 978-2-87016-096-1, 978-973-88929-7-2.
16. **Petrescu-Mag R. M.** (2008), *Considerations on customary environmental international law up till Stockholm Conference (1972)*, In: vol. Environmental Policies and Legislation, Les Presses agronomiques des Gembloux, Gembloux, Belgia p.167-180. ISBN 978-2-87016-096-1, 978-973-88929-7-2 .
17. **Petrescu-Mag R. M.** (2008), *Environmental liability with regard to the prevention and remedying of environmental damage – an aspect of “political marketing”*, In: vol. Environmental Economics, Les Presses agronomiques des Gembloux, Gembloux, Belgia, p. 229-244. ISBN 978-2-87016-094-7, 978-606-526-005-4
18. Ştefănescu L., **Petrescu-Mag R. M.**, Ozunu Al. (2008), *Mine closure – social-economical and environmental aspects*, In: vol. Environmental Economics, Les Presses agronomiques des Gembloux, Gembloux, Belgia, p. 273-284. ISBN 978-2-87016-094-7, 978-606-526-005-4.
19. **Petrescu-Mag R. M.** (2008), *Water legal provisions with special focus on the quality of fresh waters needing protection or improvement in order to support fish life. Considerations on Romania’s progress*, In: AACL Bioflux, nr.1, p.11-20. ISSN 1844-9166 [Thomson Reuters Scientific - ISI Web of Knowledge, Scopus - Elsevier etc].

III. Proiecte de cercetare (selectie)

1. Programul PN II Capacitati, Modulul III – Cooperari bilaterale, „Identificarea oportunitatilor pentru promovarea si dezvoltarea agriculturii organice in Regiunea Valona si Regiunea de Nord-Vest a Romaniei, in vederea dezvoltarii durabile a spatiului rural”. Director proiect: Ruxandra M. Petrescu-Mag, 2012-2014, suma alocata: 44856, aria tematica Agricultura, Nr. Contract: 590/13.09.2012.
2. Programul PNCDI 2, Parteneriate – Proiect Complex de Cercetare-Dezvoltare intitulat „Studiul genelor HSP in cadrul unor specii de pesti cu o deosebita valoare economica in vederea ameliorarii lor”. Director Proiect: Ioan Bud (USAMV Cluj); Cod MEC 1834; acronim: HSPSTUDY; suma alocata: 1865196 RON; Nr. Contract: 51-056/2007; aria tematica Agricultura. Functia in cadrul proiectului: cercetator/specialist.
3. Programul CEEEX 2006 Modul 1- proiect complex cercetare-dezvoltare CEEEX 140/2006, intitulat “Identificarea unor markeri RAPD asociati prezentei genei pentru rezistenta la temperaturi scazute ale apei la specia *Poecilia reticulata* Peters, 1859”. Director proiect I. V. Mag, USAMV Cluj-Napoca, COD MEC 5409, proiect elaborat in 2006 pentru perioada 2006-2009. Desfasurare: 2006-prezent. Suma alocata 9,5 miliarde ROL. Functia in cadrul proiectului: cercetator/specialist.

IV. Competente lingvistice: engleza, spaniola (atestate lingvistice), franceza (nivel mediu).

V. Alte informatii: A. Stagii de perfectionare profesionala: Olanda (6 luni), Spania (2 ani), Ungaria (2 saptamani), Belgia (6 luni); B. Conferinte sustinute: 1. *Implementarea politicilor de mediu* pentru studentii din anul IV, in data de 16.11.2007. 2. *Legislatia europeana de mediu* pentru studentii din anul IV, in data de 17.11.2007. Cele doua conferinte au avut loc in urma Protocolului nr. 904 din 26.10.2007, incheiat intre Facultatea de Stiinta Mediului, UBB Cluj-Napoca si Facultatea de Economie Agroalimentara si a Mediului, Academia de Studii Economice din Bucuresti. C. Participarea la conferinte si simpozioane, coeditor al volumului nr. 10 *Environment&Progress*. D. Brevet Inventie – 1. TITLU: Procedeu de obtinere a unei linii criorezistente homozigote de pești ornamentali guppy (*Poecilia reticulata*) cu aplicabilitate în guppycultură. Brevet Invenție - OSIM eliberat in 29.06.2012- brevet de inventie nr. 123452, BOPI nr. 6/2012 (nr. cerere a 2007 00774, data de depozit 09.11.2007). Autori: PETRESCU-MAG I. V., BUD I., PETRESCU-MAG R. M., SISEA C., BURA M., GROZEA A., BOTHA M., COȘIER V. 2.TITLU: Procedeu biotehnologic de creștere a dimensiunilor corporale la masculii speciei de pești ornamentali guppy (*Poecilia reticulata*). Brevet Invenție – OSIM eliberat in 29.06.2012 –brevet de inventie nr. 123451, BOPI nr. 6/2012 (nr. cerere a 2007 00775, data de depozit 09.11.2007). Autori: PETRESCU-MAG I. V., I. BUD, PETRESCU-MAG R. M., PAMFIL D. C., GORGAN L. D., PĂSĂRIN B., STEFAN R. G.

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